

SUPPLEMENTAL



PTO/SB/08a (08-03)

Approved for use through 07/31/2006, OMB 0651-0031

Approved for use through 07-31-2023. GPO:2021-083
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Substitute for form 1449A/PTO

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| Substitute for form 1449A/PTO | | | | Complete if Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> | | | | Application Number | 10/807,575 |
| | | | | Filing Date | March 18, 2004 |
| | | | | First Named Inventor | Joyce J. Evans |
| | | | | Art Unit | 1645 |
| | | | | Examiner Name | |
| Sheet | 1 | of | 4 | Attorney Docket Number | 0170.03 |

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

**Examiner
Signature**

Date Considered

8-18-05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

8 Applicant is to place a check mark here if English language Translation is attached.

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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

2

SEARCHED INDEXED SERIALIZED

Application Number

10/807,575

Filing Date

March 18, 2004

First Named Inventor

Joyce J. Evans

Art Unit

1645

Examiner Name

of

4

Attorney Docket Number

0170.03

| NON PATENT LITERATURE DOCUMENTS | | | | |
|---------------------------------|-----------------------|---|--|----------------|
| Examiner Initials * | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | | |
| M | AR1 | AVI ELDAR et al., "Experimental Streptococcal Meningo-Encephalitis in Cultured Fish," <i>Veterinary Microbiology</i> 43 (1995) pp. 33-40 | | T ² |
| M | AS1 | P.H. KLESIUS et al., "Vaccination Stress in Nile Tilapia, <i>Oreochromis Niloticus</i> ," <i>Presented at the European Associated Fish Patrol in September 22-23, 2003</i> . | | |
| M | AT1 | A. ELDAR et al., "Development and Efficacy of a Vaccine Against <i>Streptococcus iniae</i> Infection in Farmed Rainbow Trout," <i>Veterinary Immunology and Immunopathology</i> 56 (1997) pp. 175-183 | | |
| M | AU1 | J.J. Evans et al., "Characterization of β-haemolytic Group B <i>Streptococcus agalactiae</i> in cultured seabream, <i>Sparus auratus</i> L., and Wild Mullet, <i>Liza klunzingeri</i> (Day), in Kuwait," <i>Journal of Fish Diseases</i> 2002, 25, 505-513 | | |
| M | AV1 | P. VANDAMME et al., " <i>Streptococcus difficile</i> is a Nonhemolytic Group B, Type Ib <i>Streptococcus</i> ," <i>International Journal of Systematic Bacteriology</i> , Jan. 1997, pp. 81-85, Vol. 47, No. 1 | | |
| M | AW1 | AVI ELDAR et al., "Vaccination with Whole-Cell Vaccine and Bacterial Protein Extract Protects Tilapia against <i>Streptococcus difficile</i> meningoencephalitis," <i>Vaccine</i> Vol. 13, No. 9, pp.867-870, 1995 | | |
| M | AX1 | M. AKHLAGHI et al., "Comparison of Passive and Active Immunization of Fish against Streptococcosis (Enterococcosis)," <i>Journal of Fish diseases</i> 1996, 19, pp.154-258 | | |
| M | AY1 | DONALD F. AMEND, "Potency Testing of Fish Vaccines," <i>International Symposium in Fish Biologics: Serodiagnostics and Vaccines</i> , Leetown, W. VA, 1981, <i>Develop. Biol. Standard</i> , 49, pp. 447-454 (S. Karger, Basel 1981) | | |
| M | AZ1 | A.M. BAYA et al., "Association of <i>Streptococcus</i> sp. with Fish Mortalities in the Chesapeake Bay and its Tributaries," <i>Journal of Fish Diseases</i> 1990, 13, pp.251-253 | | |

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| Examiner Signature |  | Date Considered | 8-18-05 |
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PTO/SB/08b (08-03)

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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

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| Sheet | 3 | of | 4 | Attorney Docket Number | 0170.03 |
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| Application Number | 10/807,575 |
| Filing Date | March 18, 2004 |
| First Named Inventor | Joyce J. Evans |
| Art Unit | 1645 |
| Examiner Name | |

NON PATENT LITERATURE DOCUMENTS

| Examiner Initials * | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
|---------------------|-----------------------|---|----------------|
| M | AR2 | H. BERCOVIER et al., "Immunization with Bacterial Antigens: Infections with Streptococci and Related Organisms," Gudding R. Lillehaug A. Midtlyng PJ, Brown F (eds): Fish Vaccinology.. <i>Dev Biol Stand. Basel, Karger</i> , 1997, vol 90, pp 153-160 | |
| M | AS2 | DAVID W. COOK et al., "Pathogenicity Studies with a <i>Streptococcus</i> sp. Isolated from Fishes in an Alabama-Florida Fish Kill," <i>Trans. Amer. Fish. Soc.</i> , 1975, No. 2 pp. 286-288 | |
| M | AT2 | JOHN A. ELLIOTT et al., "Whole-Cell Protein Patterns of Nonhemolytic Group B, Type Ib, Streptococci Isolated from Humans, Mice, Cattle, Frogs, and Fish," <i>Journal of Clinical Microbiology, Mar. 1990</i> . pp. 628-630 | |
| M | AU2 | PATRICIA M. GLIBERT et al., "A Fish Kill of Massive Proportion in Kuwait Bay, Arabian Gulf, 2001: the Roles of Bacterial Disease, Harmful Algae, and Eutrophication," <i>Harmful Algae 1 (2002) 215-231</i> | |
| M | AV2 | PHILLIP H. KLESIUS et al., "Efficacy of Single and Combined <i>Streptococcus iniae</i> Isolate Vaccine Administered by Intraperitoneal and Intramuscular Routes in Tilapia (<i>Oreochromis niloticus</i>)," <i>Aquaculture 188 (2000) 237-246</i> | |
| M | AW2 | PHILLIP H. KLESIUS et al., "Efficacy of a Killed <i>Streptococcus iniae</i> Vaccine in Tilapia (<i>Oreochromis Niloticus</i>)," <i>Bull. Eur. Ass. Fish Pathol., 19(1),39, 1999</i> | |
| M | AX2 | RIICHI KUSUDA et al., "A Comparative Study of Fish Pathogenic <i>Streptococcus</i> Isolated from Saltwater and Freshwater Fishes," <i>Bulletin of the Japanese Society of Scientific Fisheries 44(10) 1073-1078 (1978)</i> | |
| M | AY2 | TERUYUKI NAKANISHI et al., "Development of a New Vaccine Delivery Method for Fish: Percutaneous Administration by Immersion with Application of a Multiple Puncture Instrument," <i>Vaccine 20 (2002) 3764-3769</i> | |
| M | AZ2 | J.A. PLUMB et al., "Streptococcus sp. from Marine Fishes Along the Alabama and Northwest Florida Coast of the Gulf of Mexico," <i>Transactions of American Fisheries Society 2, 358-361</i> | |

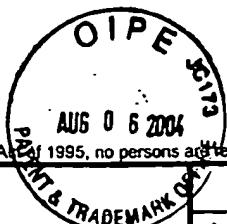
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|--------------------|-----------------------|-----------------|---------|
| Examiner Signature | <i>M. McManifield</i> | Date Considered | 8-18-05 |
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STATEMENT BY APPLICANT

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| Application Number | 10/807,575 |
| Filing Date | March 18, 2004 |
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| Art Unit | 1645 |
| Examiner Name | |

Sheet 4 of 4 Attorney Docket Number 0170.03

NON PATENT LITERATURE DOCUMENTS

| Examiner Initials | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
|-------------------|-----------------------|---|----------------|
| M | AR3 | VICTORIA RASHEED et al., "histopathology of Bullminnows, <i>Fundulus grandis</i> Baird & Girard, Infected with a Non-haemolytic Group B <i>Streptococcus</i> sp.," <i>Journal of Fish Diseases</i> 1985, 8, 65-74 | |
| M | AS3 | VICTORIA RASHEED et al., "Pathogenicity of a Non-haemolytic Group B <i>Streptococcus</i> sp. in Gulf Killifish (<i>Fundulus Grandis</i> Baird and Girard)," <i>Aquaculture</i> , 37 (1984) 97-105 | |
| M | AT3 | JORDAN A. ROBINSON et al., "Streptococcal Fish Pathogen," <i>Journal of Bacteriology</i> , August, 1966 Vo. 92, No. 2 p. 512 | |
| M | AU3 | ROMALDE, J.L. et al., "Prevention of Streptococcosis in Turbot by Intraperitoneal Vaccination: a review," <i>J. Appl. Ichthyol.</i> 15, 153-158 | |
| M | AV3 | JESUS L. ROMALDE et al., "Long-Lasting Protection Against Turbot Streptococcosis Obtained with a Toxoid-Enriched Bacterin," <i>Bull Eur. Ass. Fish pathol.</i> , 16(5), 169, 1996 | |
| M | AW3 | A.E. TORANZO et al., "Efficacy of Intraperitoneal and Immersion Vaccination against <i>Enterococcus</i> sp. Infection in Turbot," <i>Aquaculture</i> 134:17-27 | |
| M | AX3 | P. VANDAMME et al., "Streptococcus difficile is a Nonhemolytic Group B, Type Ib Streptococcus," <i>International Journal of Systematic Bacteriology</i> Jan. 1997 pp. 81-85 Vol. 47 No. 1 | |
| M | AY3 | HAZEL W. WILKINSON et al., "Nonhemolytic Group B Streptococci of Human, Bovine, and Ichthyic Origin," <i>Infection and Immunity</i> March 1973 Vol. 7, 496-498 | |
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| Examiner Signature | <i>M. M. Mansfield</i> | Date Considered | 8-18-05 |
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